

Nur für Forschungszwecke

PTGES3 Polyklonaler Antikörper

Katalog-Nr.: 15216-1-AP

4 Publikationen



Allgemeine Informationen

Katalog-Nr.:

15216-1-AP

Größe:

150ul, Konzentration: 400 µg/ml von Nanodrop und 213 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG7384

GenBank-Zugangsnummer:

BC003005

GeneID (NCBI):

10728

Vollständiger Name:

prostaglandin E synthase 3 (cytosolic)

Berechnete Masse:

19 kDa

Beobachtete Masse:

21-23 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:200-1:1000

für WB

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB: Rattenhirngewebe, Mausherzgewebe, Maushirngewebe, Rattenherzgewebe

IP: Mausherzgewebe,

IF: A549-Zellen, HeLa-Zellen

Hintergrundinformationen

p23, encoded by the gene PTGES3, plays a key role in glucocorticoid signaling and was increased at the mRNA level in the DLPFC in individuals with schizophrenia (PMID: 24345775). In the GR heterocomplex in vitro, p23 is an obligatory co-factor¹⁹ and is the limiting component of the complex⁴⁴, functioning to stabilize the interaction of the complex with GR in the cytoplasm. Paradoxically, p23 also acts in the nucleus to inhibit GR-mediated gene transcription and disassemble GR transcriptional machinery in the nucleus (PMID: 12077419). In vivo, p23 is critical for appropriate glucocorticoid responsiveness (PMID: 17000766).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Long Cheng	31106266	Sci Adv	WB
Liyuan Zhang	27384878	Oncotarget	WB
Yujia Fan	35197566	Cell Death Differ	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

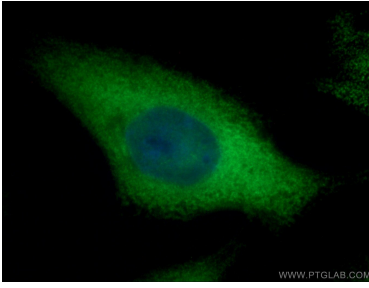
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

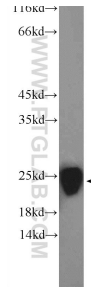
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

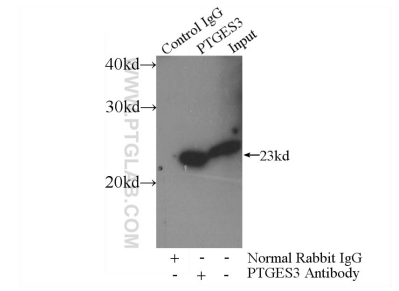
Ausgewählte Validierungsdaten



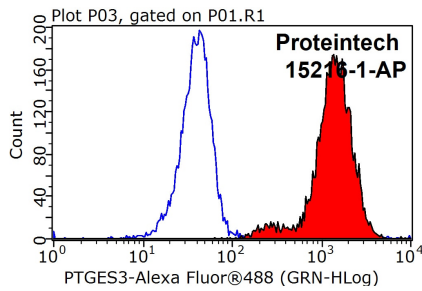
Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 15216-1-AP (PTGES3 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



rat brain tissue were subjected to SDS PAGE followed by western blot with 15216-1-AP (PTGES3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-PTGES3 (IP:15216-1-AP, 3ug; Detection:15216-1-AP 1:300) with mouse heart tissue lysate 4000ug.



1X10⁶ HeLa cells were stained with 0.2ug PTGES3 antibody (15216-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.